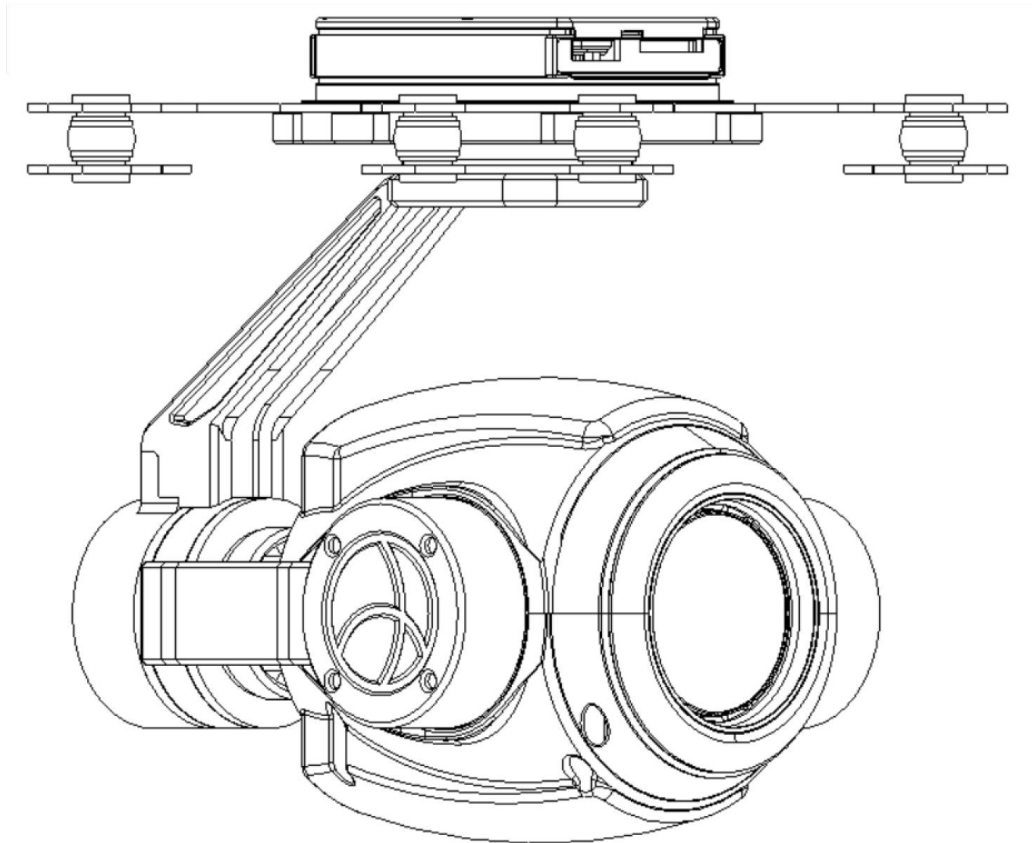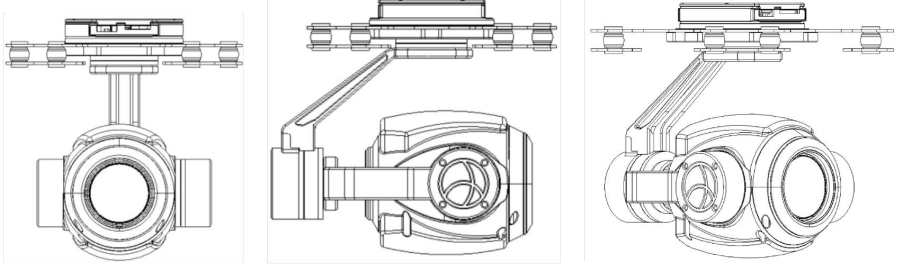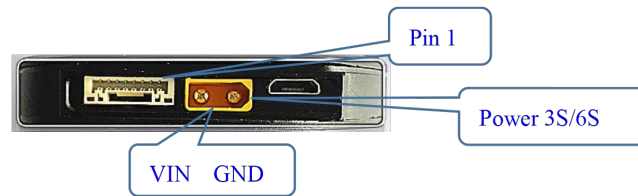## Advantage

- 30x optical zoom
- Standard RTSP stream output
- TF card storage
- Follow / lock mode

- 170ms low latency
- 9x digital zoom
- Image and data use the same IP
- 3-Axis stabilized gimbal, 655g

Device structure

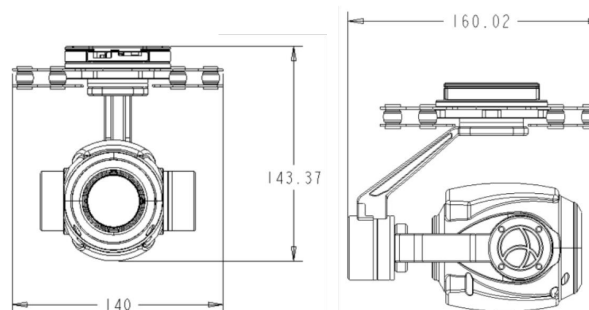| Voltage		3S-6S（11V-24V）
Power		Dynamic 10W
Technical Parameters	Roll Angle	-85~+85°
	Pitch Angle	-90~+90°
	Yaw Angle	360° continuous rotation
	Jitter Angle	±0.02°
	Horizontal Jitter Angle	±0.03°
	One-Click Restore	One-click restore to the initial position
	Adjustable Gimbal Speed	When the PTZ rotates, it conducts speed adaptation based on the current speed mode and the multiple of visible light camera.
	Control mode	Support network IP control and serial port control (SBUS and PWM control are optional)
Daylight Sensor Parameters	CMOS size	1/2.8 Inch 2 Mega Pixels Wide Dynamic CMOS SENSOR
	Focal Distance	30x optical zoom lens, f=4.5±10%~135±10%mm
	Digital Zoom	9x Digital Zoom
	AF Time	Real time fast focusing, focusing time < 1s
	Video Output	IP network output supports 4K, 1080P, and local TF storage
	Field Angle (FOV)	D : WIDE 67.8º ±5% TELE 2.77º ±5% H : WIDE 59.8º ±5% TELE 2.34º ±5% V : WIDE 40.5º ±5% TELE 1.48º ±5%
	IP output mode	1080P 30fps
Figure digital integration (optional)	Working frequency	806-826MHZ
	Wireless power and transmission distance	25dBm 10KM
Control Mode		IP, Serial port, PC side app mouse, key operation
Gimbal Size		140mm×160mm×143mm
Working Condition		-10℃ to +50℃ / 20% to 80% RH
Storage Environment		-20℃ to +60℃ / 20% to 95% RH
Main applications		UAV aerial photography
Weight		655±10g

Pin 1

Power 3S/6S

VIN　GND

No	Name	Interface Type	Interface definition	Function
1	8PIN slot	Power interface	GND	GND
2		Power interface	5V	+5V output
3		Communication interface	RxD4	Serial port receiving
4		Communication interface	TXD4	Serial port sending
5		Communication interface	RX-	Network interface
6		Communication interface	RX+	Network interface
7		Communication interface	TX-	Network interface
8		Communication interface	TX+	Network interface

The distance between the mounting holes of the damping plate is 100mm
* 100mm; Mounting hole size: M3*8

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